

## DS-TDSB00-EKT/POE/4M Fall Detection Radar Sensor

- No privacy disclosure.
- Non-contact posture detection.
- High detection accuracy and low false alarm rate.
- Detects person and non-person in the area.
- Supports locating target and transmit location.
- Supports 4m \* 5m detection range
- Supports transmitting data to platform by OTAP protocol.
- Supports connecting to Wi-Fi.

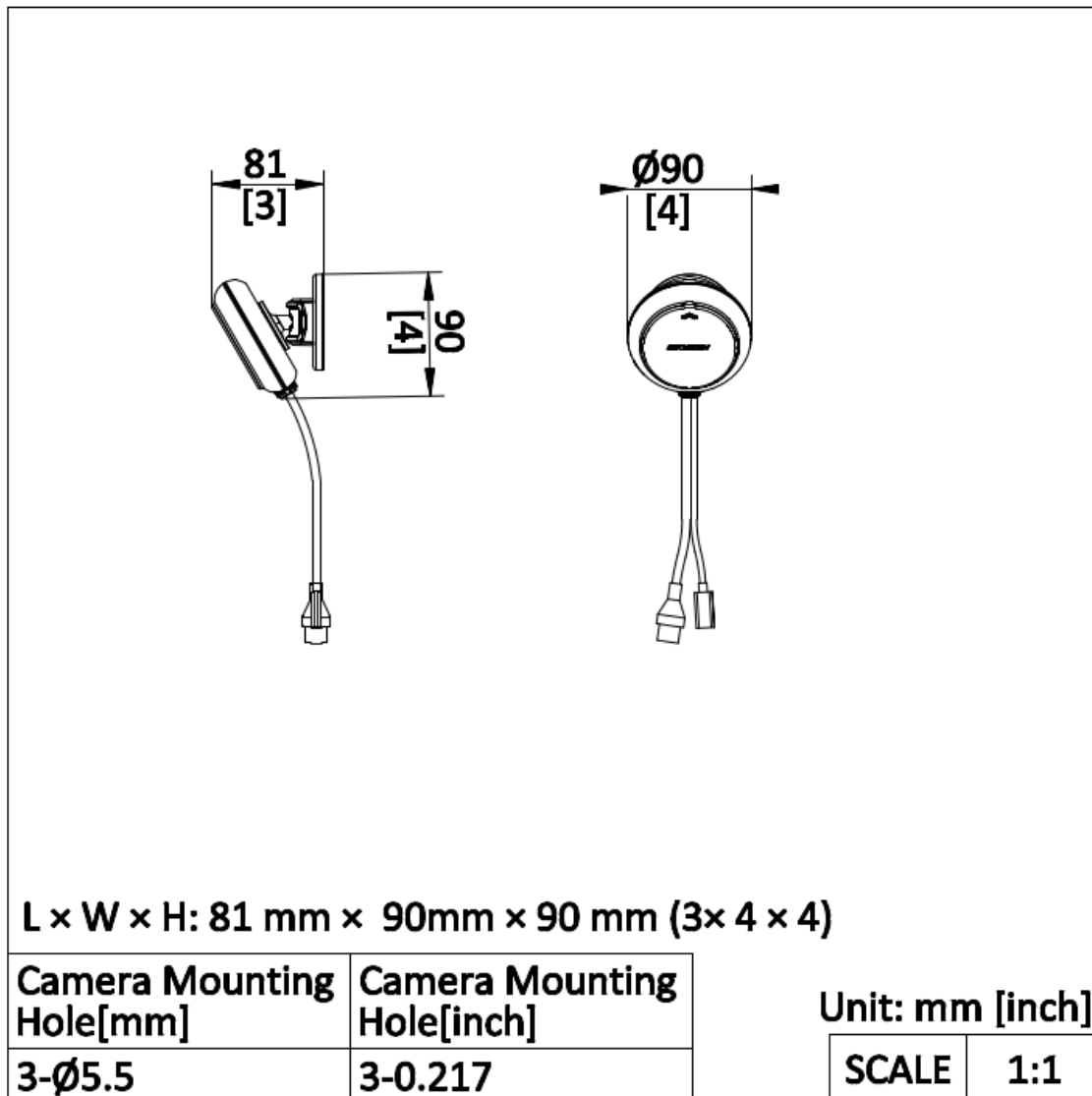
## ▪ Specification

Radar	
Working Frequency	60 to 63 GHz
Modulation Waveform	FMCW
Horizontal Detection Angle	± 45°
Vertical Detection Angle	± 45°
Max. Detectable Targets	Up to 1 target(s)
Detection Target Type	Human
Detection Distance	5 m × 4 m
Function	
General Function	Supports human body detection, fall detection, and target tracing.
Network	
Protocols	TCP/IP, ICMP, HTTP, HTTPS, FTP, SFTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP, SNMP, IGMP, 802.1X, IPv4/IPv6, UDP, SSL/TLS, ISUP, ARP
API	ISAPI, SDK, OTAP
User/Host	Up to 16 users, 3 user levels: administrator, operator, and user.
Security	Password protection, complicated password, HTTPS encryption, basic and digest authentication for HTTP/HTTPS, RTP/RTSP over HTTPS, control timeout settings, TLS 1.2, host authentication (MAC address)
Web Browser	IE9 to IE11, Chrome V61+, IE9 to IE11, Firefox V41+, Edge
Client	Hik-Central Pro, Hik-Connect, Hik-Parter Pro
Interface	
Network Interface	Wi-Fi, 1 RJ45 10/100 Mbps self-adaptive Ethernet port(s)
Indicator	Supported
General	
Power	DC 5 V, 2 A, max. 10 W, Type-C, PoE: 802.3af, type 1, class 3, max. 10 W
Material	PC
Dimensions	∅90 mm × 81 mm (∅3.54" × 3.19")
Package Dimensions	419 mm × 319 mm × 307 mm (16.5" × 12.56" × 12.09") (L × W × H)
Weight	Approx. 130 g (0.29 lb.)
With Package Weight	Approx. 520 g (1.15 lb.)
Operating Condition	-10 °C to 50 °C (-14 °F to 122 °F). Humidity: 0% to 90% (non-condensing)
Storage Condition	-40 °C to 60 °C (-40 °F to 140 °F). Humidity: 95% or less (non-condensing)
Installation Height	2 m
Approval	
EMC	CE-EMC: EN 55032: 2015/A11:2020+A1:2020, EN IEC61000-3-2: 2019/A1:2021, EN 61000-3-3: 2013+A1:2019/A2:2021, EN 50130-4: 2011 +A1: 2014
RF	CE-RED: EN 305550-2 V1.2.1, EN 300328 V2.2.2, EN 301489-1 V2.2.3, EN 301489-52 V1.2.1, EN 301489-17 V3.2.4, EN IEC 62311:2020
Safety	CB: IEC 61010-1: 2010, IEC 61010-1: 2010/AMD1: 2016, CE-LVD: EN 61010-1: 2010+A1: 2019
Environment	CE-RoHS: 2011/65/EU, WEEE: 2012/19/EU, Reach: Regulation (EC) No 1907/2006
Protection	IP54: IEC 60529: 1989+A1: 1999+A2: 2013

▪ **Available Model**

DS-TDSB00-EKT/POE/4m

▪ **Dimension**



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